Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102920\
Data File : VW017022.D
Acq On : 29 Oct 2020 11:54
Operator : SY/VA
Sample : L4502-18
Misc : 5.02G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Oct 30 02:15:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 30 01:03:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	617533	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	511854	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	202772	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	139016	19.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.04%			
7) Chloroethane-d5	2.89	69	110468	20.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.00%			
10) 1,1-Dichloroethene-d2	4.02	63	202832	14.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.52%			
20) 2-Butanone-d5	7.08	46	48881	36.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.82%			
24) Chloroform-d	7.65	84	275850	19.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 77.48%			
26) 1,2-Dichloroethane-d4	8.31	65	128880	19.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 76.92%			
29) Benzene-d6	8.27	84	578513	22.00	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.00%			
33) 1,2-Dichloropropane-d6	9.27	67	156977	22.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.48%			
37) Toluene-d8	10.33	98	538168	21.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.96%			
38) trans-1,3-Dichloropropene-	10.58	79	60005	19.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.68%			
39) 2-Hexanone-d5	10.93	63	39289	39.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.86%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100633	18.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 74.44%			
61) 1,2-Dichlorobenzene-d4	13.85	152	150218	21.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.32%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.04	96	6162	0.762	ug/L #	1
13) Acetone	4.14	43	5758	6.374	ug/L	96
14) Carbon disulfide	4.39	76	10498	0.428	ug/L	99
16) Methylene chloride	4.92	84	7670	0.939	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	5642	0.660	ug/L	92
34) Benzene	8.32	78	33236	1.175	ug/L	100
35) Trichloroethene	9.09	95	812350	103.731	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2681	0.896	ug/L	98
47) Tetrachloroethene	10.88	164	19769709m	2744.357	ug/L	
64) 1,4-Dichlorobenzene	13.58	146	3535	0.271	ug/L	90
65) 1,2-Dichlorobenzene	13.87	146	3653	0.317	ug/L #	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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